

**Practitioner's Docket No. 1145-001**

**PATENT**

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**COMBINED DECLARATION AND POWER OF ATTORNEY**

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL,  
DIVISIONAL,  
CONTINUATION, OR C-I-P)

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As a below named inventor, I hereby declare that:

**TYPE OF DECLARATION**

This declaration is for an original application.

**INVENTORSHIP IDENTIFICATION**

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am the original, first and sole inventor of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

**TITLE OF INVENTION**

A METHOD AND SYSTEM FOR CREATING IRREGULAR THREE-DIMENSIONAL  
POLYGONAL VOLUME MODELS IN A THREE-DIMENSIONAL GEOGRAPHIC  
INFORMATION SYSTEM

**SPECIFICATION IDENTIFICATION**

The specification is attached hereto.

**ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR**

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56, and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent.

**CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)**  
(35 U.S.C. § 119(e))

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

<b>PROVISIONAL APPLICATION NUMBER</b>	<b>FILING DATE</b>
60/342,018	December 19, 2001

**POWER OF ATTORNEY**

I hereby appoint the following practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

<b>APPOINTED PRACTITIONER(S)</b>	<b>REGISTRATION NUMBER(S)</b>
Jenny Lee	46,865
Eric M. Dobrusin	33,867
Scott A. Chapple	46,287
Theresa A. Orr	34,890

I hereby appoint the practitioner(s) associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

**SEND CORRESPONDENCE TO**

Jenny Lee  
401 South Old Woodward Avenue  
Suite 311  
Birmingham, MI 48009  
25215

**DIRECT TELEPHONE CALLS TO:**

Jenny Lee  
248-593-9900

## DECLARATION

I her by declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful fals statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

## SIGNATURE(S)

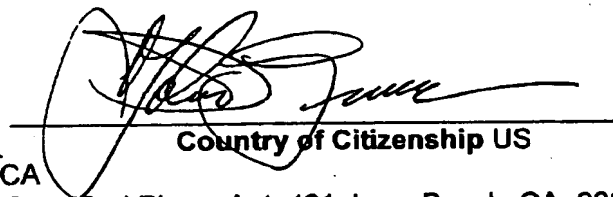
John D. Grace

Inventor's signature

Date Dec. 16, 2002

Residence Long Beach, CA

Post Office Address



Country of Citizenship US

One 62nd Place, Apt. 401, Long Beach, CA 90803

**In the United States Patent and Trademark Office**

**Sole Applicant:** Earth Science Associates, Inc.

**Title:** A Process and Apparatus for Creating Irregular Three-Dimensional Polygonal Models of Oil and Gas Reservoirs in a Three-Dimensional Geographic Information System

**Small Entity Declaration - Small Business**

I hereby declare that I am the owner of the small business concern identified below.

Name of Concern: Earth Science Associates, Inc.

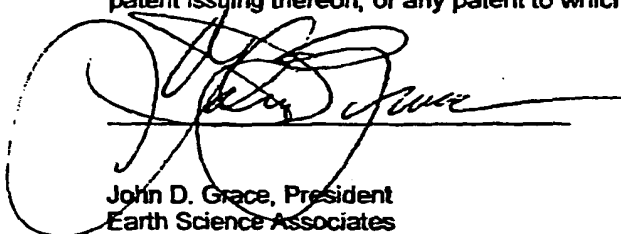
Address of Concern: 401 E. Ocean Blvd., Suite 430 Long Beach, CA 90802.

I hereby declare that the above identified small business concern qualifies as a small business as defined in 13 CFR Part 121, for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year; and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

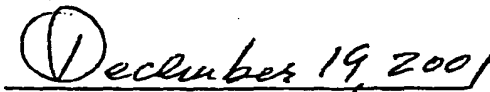
I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the above entitled invention of the above applicant and specifications filed herewith.

I acknowledge a duty to file, in the above application for patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as small entity is no longer appropriate (37 C.F.R. 1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.



John D. Grace, President  
Earth Science Associates  
401 E. Ocean Blvd., Suite 430  
Long Beach, CA 90802

  
Date